

*Official copies of these procedures are maintained at this website.
Before using a printed copy, verify that it is the most current
version by checking the document issue date on this website. Signed
copies of these official procedures are maintained at the Training Office.*

C-A OPERATIONS PROCEDURES MANUAL

11.5.2 Procedure for Moving the BRAHMS Platforms

Text Pages 2 through 4

Hand Processed Changes

| <u>HPC No.</u> | <u>Date</u> | <u>Page Nos.</u> | <u>Initials</u> |
|----------------|-------------|------------------|-----------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Approved: _____ **Signature On File** _____
Collider-Accelerator Department Chairman Date

D. Beavis

11.5.2 Procedure for Moving the BRAHMS Platforms

1. Purpose

- 1.1 The purpose of this procedure is to outline the methodology to move any of the three BRAHMS platforms.

2. Responsibilities

- 2.1 It is the responsibility of the liaison engineer or BRAHMS Project Manager to train personnel on the procedure.
- 2.2 It is the responsibility of the trained platform operator moving the platform to oversee the safe operation.
- 2.3 The trained platform operator is responsible to determine if any additional personnel are required for the move and to oversee their assigned task.

3. Prerequisites

- 3.1 All personnel operating the platform must be trained in this procedure and appear in [C-A-OPM-ATT 11.5.2.a](#).
- 3.2 For access to the Intersection Region, personnel must have the appropriate training for access.

4. Precautions

None.

5. Procedure

5.1 Local Operation

- 5.1.1 The operator removes the necessary ON/OFF key (green tag), and the necessary drive enable key (red tag) from the Counting House lock box.
- 5.1.2 The platform operator will use the ON/OFF key to turn the control power on at the panel in the Counting House.
- 5.1.3 The platform operator will enter I.R. and evaluate the move for the platform.

- 5.1.4 If the platform operator determines that additional personnel are required as spotters, the platform operator will instruct spotters as to their task.

5.1 Local Operation (cont'd)

- 5.1.5 Platform operator will inspect area and inform any affected personnel of the impending move.
- 5.1.6 The platform operator will turn the drive enable on with the red key and move the platform.
- 5.1.7 The drive enable key will be turned off and removed after platform is positioned.
- 5.1.8 The green ON/OFF key will be turned off and removed.
- 5.1.9 The keys will be returned to the Counting House lock box and the lock box closed.

5.2 Remote Operation

- 5.2.1 The operator removes the necessary ON/OFF key (green tag), and the necessary drive enable key (red tag) from the Counting House lock box.
- 5.2.2 The platform operator will use the ON/OFF key to turn the control power on at the panel in the Counting House.
- 5.2.3 The platform operator will call MCR (x 4662) to determine if no personnel are inside.
 - 5.2.3.1 If no personnel are inside, then go to step 5.1.4.
 - 5.2.3.2 If not secure, the platform operator will send a person into the IR to be a local spotter. The spotter should be in phone contact with the operator.
- 5.2.4 The platform operator will turn the drive enable on with the red key and move the platform.
 - 5.2.4.1 The operator will monitor platform movement with the appropriate platform position monitor camera.

- 5.2.4.2 The operator will communicate with local spotter as necessary.
- 5.2.4.3 The operator will start and end motion with the speed controls on slow.
- 5.2.4.4 The operator will use the Follower/Jog Controls as needed to position the Back Forward Spectrometer.
- 5.2.4.5 When platform motion is complete, the operator will inform the local spotter (if used).

5.2 Remote Operation (cont'd)

- 5.2.5 The drive enable key will be turned off and removed after platform is positioned.
- 5.2.6 The green ON/OFF key will be turned off and removed.
- 5.2.7 The keys will be returned to the Counting House lock box and the lock box closed.

6. **Documentation**

None.

7. **References**

None.

8. **Attachments**

- 8.1. [C-A-OPM-ATT 11.5.2.a “Trained Platform Operators.”](#)